

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

KHALITOV R. Sh.

AUTHORS: Turovtseva, Z. M., Khalitov, R. Sh. 75-6-11/23

TITLE: The Determination of Oxygen and Hydrogen in Titanium (Opredeleniye kisloroda i vodoroda v titane).

PERIODICAL: Zhurnal Analiticheskoy Khimii, 1957, Vol. 12, Nr 6, pp. 720-722 (USSR).

ABSTRACT: Both hydrogen and oxygen volatilize with the heating of titanium metal in vacuum. At 1000°C the hydrogen is completely removed from titanium. TiO_2 is not completely reduced with heating in a graphite crucible at 2000°C . The optimum conditions for the reduction of titanium oxide are achieved by filling the graphite crucibles to $1/3$ of their volume with coarse-grained graphite powder. The expulsion of the gases takes place in three stages, viz. 5 minutes at 100°C , 30 minutes at 185°C and 10 minutes at 2100°C . The results obtained with the determination of oxygen and hydrogen in titanium by the vacuum-method attain the accuracy of the chlorine method. With series-analyses the errors amount to approximately 10% . The determination of $1,10^{-40}\%$ oxygen in titanium is possible. There are 2 tables, and 7 references, 2 of which are Slavic.

Card 1/2

The Determination of Oxygen and Hydrogen in Titanium.

75-6-11/23

ASSOCIATION: Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy AN SSSR-Moscow (Institut geokhimii i analiticheskoy khimii imeni V. I. Vernadskogo AN SSSR-Moskva).

SUBMITTED: October 21, 1956.

AVAILABLE: Library of Congress.

1. Titanium-Oxygen determination
2. Titanium-Hydrogen determination
3. Titanium oxide-Reduction

Card 2/2

KHALITOV, R.Sh.

Determination of oxygen in titanium by isotope dilution. Trudy
kom.anal.khim. 10:129-136 '60.
(MIRA 13:8)

1. Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo
AN SSSR, Moskva.

(Oxygen--Analysis) (Titanium--Oxygen content) (Oxygen--Isotopes)

KHALITOV, S., mashinist elektrovesa.

Hidden potentialities in haulage by electric railroads. Mast. ugl.
4 no.ll:12-13 N '55. (MIRA 9:2)
(Mine railroads)

KHALITOV, S.; VARFOLOMEYEV, P., vneshtatnyy korrespondent

Financial organs' control over the consumer service industries.
Fin. SSSR 37 no.6:68-72 Je '63. (MIRA 16:9)
(Kazakhstan--Service industries--Auditing and inspection)
(Tatar A.S.S.R.--Service industries--Auditing and inspection)
(Finance)

KHALITOVA, N.A.

Majorant method for analytic operators as applied to modified
iteration processes. Uch. zap. Kaz. un. 117 no.9:14-16 '57.
(MIRA 13:1)

1.Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.
Kafedra matematicheskogo analiza.
(Functional analysis)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

KHALITOVA, N. A., Cand of PhysMath Sci — (diss) "Method for Analytical Operators,"
Kazan', 1959, 9 pp (Kazan' State Univ im Ul'yanov-Lenin) (KL, 5-60, 123)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

KOZLOV, L.M.; BURMISTROV, V.I.; KHALITOVA, N.N.

Nitroalkyd resins. Report No.2: Synthesis of resins based on
polyhydric nitro alcohols in maleic acid. Trudy KKHTI no.30:
136-143 '62. (MIRA 16:10)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

SUNGINA, O.A.; KHALITOVA, R.S.

Determination of thallium (I) by potentiometric titration carrying
the current with two indicator electrodes. Izv. AN Kazakh. SSR, Ser.
Khim. nauk 15 no.2:15-19 April 1965. (MTRJ 18:9)

KIM ITOMA, S. Kh.

"Organization of Medical Service for Children in Ufa." Cand Med Sci,
Bashkir State Medical Inst. imeni 15-Year VLRKH, Ufa, 1955. (ML, No 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (14)

KHALITOVA, V.I.

Intestinal form of lambliasis and its differentiation from
dysentery. Zdravookhranenie 3 no.3:24-27 My-Je '60.

(MIRA 13:7)

I. Iz kafedry infektsionnykh bolezney (zav. - dotsent I.R.
Drobinskiy) Kishinevskogo meditsinskogo instituta.
(GIARDIASIS) (DYSENTERY)

KHALITOVA, V.I.

Results of treatment of the intestinal form of lambliasis in
children. Trudy Kish.gos.med.inst. 19.139-143.60. (MIRA 16:2)

1. Kafedra infektsionnykh bolezney Kishinevskogo gosudarstvennogo
meditsinskogo instituta. (GIARDIASIS) (QUINACRINE)

USSR / Human and Animal Physiology. Internal Secretion.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41548.

Author : Khalitova, Z. A.

Inst : Kazan Veterinary Institute.

Title : The Effect of Novocaine Block of the Splanchnic Nerves and the Sympathetic Trunks on the Adrenalin Secretory Function of Adrenal Glands.

Orig Pub: Uch. Zap. Kazansk. gos. Vet. in-ta, 1956, 64, No 1, 191-197.

Abstract: In 1 ml of plasma of dogs, 0.95-2.6% of fluorescent derivatives of adrenaline (DA) were determined. After suprapleural novocaine block of the splanchnic nerves and sympathetic trunks, DA disappeared from the plasma; the content of DA returned to normal within 11-15 days. Novocaine failed to produce this effect when injected intramuscularly or subcutaneously.

Card 1/1

93

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720007-5"

KHALITOVA, Z. A., Cand Biol Sci -- (diss) "On the Problem of Nervous Regulation of the Secretory Activity of the Medulla of the Suprarenal Glands" Kazan', 1957. 15 pp (Min of Agriculture USSR, Kazan' State Veterinary Inst im N. E. Bauman), 100 copies (KL, 48-57, 106)

KHALITOVA, Z.A.

Adrenalin secretion in epipleural novocaine block of the sympathetic nerves [with summary in English]. Biul.eksp.biol. i med. 45 no.1: 41-44 Ja '58. (MIRA 11:4)

1. Is kafedry fiziologii (zav. - deystvitel'nyy chlen AH SSSR Ye.N. Pavlovskiy) Kazanskogo veterinarnogo instituta imeni N.E.Baumana. Predstavetna deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(ANESTHESIA, REGIONAL, effects,
epipleural sympathetic procaine block on epinephrine
secretion (Rus))

(EPINEPHRINE, physiology,
secretion, eff. of epipleural sympathetic procaine block
(Rus))

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

NARODITSKIY, A.D.; NIKIFOROVA, L.M.; KHALIULIN, M.G.; KHASHBAKTIYEVA, D.A.

Vaporization of gold from the surface of grids and crossarms
and its distribution on various parts of electron tubes with
oxide cathodes. Nauch. trudy TashGu no.221.Fiz. nauki no.21:
145-148 '63. (MIRA 17:4)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

NARODITSKIY, A.D.; NIKIFOROVA, L.M.; KHALIULIN, M.G.; RASULMUKHAMEDOVA,
D.A.; CHERNOMORCHENKO, S.G.; MUSHKAREV, V.G.

Thermal sputtering of certain grid coatings and their effect on
the performance of radio tubes with oxide cathodes. Izv. AN
Uz. SSR. Ser. fiz.-mat. nauk 9 no.2:48-53 '65.

(MIRA 18:6)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.

KHODKEVICH, E.; KHALIULLIN, R., instruktor-aviamodelist (g.Sitka,
Chelyabinskoy obl.); BELOUSOV, A., master sporta; ZAKIYEV, F.

Facts, events, people. Kryl.rod. 12 no.9:22-23 S '61. (MIRA 14:9)
(Aeronautics)

KOSAREV, O., shturman; GVIL'DIS, B., bortmekhanik (Irkutsk); KORNEV;
LOZOVSKIY; KUZ'MIN, starshiy inzhener-ekonomist; MESILOV, Yu.,
aviatekhnik; FROLENKO, N. (Novosibirsk); KHALIULLIN, R.
(Verkhniye Kigi, Bashkirskoy ASSR); ZOSIMOV, V. (g. Klintsy,
Bryanskoy oblasti)

Public inspection is in action. Gruzhd. av. 20 no.6:28
Je '63. (MIRA 16:8)

1. Obshchestvennyy inspektor po bezopasnosti poletov,
Novosibirsk (for Kosarev).
(Aeronsutics, Commercial)

KHALIULLIN, S.Kh.

Meeting of Academy scientists with leaders in production. Vest.AN
Kazakh.SSR 16 no.3:90 Mr '60. (MIRA 13:6)
(Academy of sciences of the Kazakh S.S.R.)

KHALIV, Z. I.

PA 153169

USSR/Mathematics - Operators
Equations, Singular

Sep/Oct 49

"Linear Singular Equations in a Unitary Ring," Z.I.

Khaliv, Baku, 20 pp

"Matemat Sbor" Vol XV(67), No 2

General theory of unitary rings; determination and examples of unitary rings; conjugate elements; theory of functions of a complex variable with values lying in a unitary ring. Theory of linear singular equations in a unitary ring; theory of Riess-Schauder; class F of linear regular operators; singular operators; linear singular equation; regulation of

153169

USSR/Mathematics - Operators (Contd) Sep/Oct 49

singular equation; conjugate operator; basic theorems of theory of linear singular equations; conclusion. Submitted 12 Jul 47.

153169

KHALIZEV, G. P., DOCENT

PA 55/49T40

USER/Electricity

Motors

Automatic Control

May 49

"Methods of Automatic Control of the Acceleration of Electric Motors," Docent G. P. Khalizev, 5 pp

"Elektrichesivo" No 5

Analyzes existing methods of automatic acceleration control of electric motors with changes in static moment of resistance and moment of inertia of the system. Describes three methods of acceleration control: (1) with a given motor moment, (2) with given acceleration time, and (3) as a function of

55/49T40

USER/Electricity (Contd)

May 49

load. Considers latter method undesirable commercially since acceleration time should either be constant or change inversely with load. Submitted 11 Oct 48.

55/49T40

KHALIEV, G. P.

"Problems of Theory and Practice in the Electric Drives of Rolling Staircases (Escalators)" Official opponentst: N. V. Gorokhov, Professor, Doctor of Technical Sciences and K. V. Urnov, Docent, Candidate of Technical Sciences.

Dissertation for the Degree of Candidate of Technical Sciences, defended at All-Union Correspondence Polytechnic Inst. 25 June 1951 (Elektrichestvo, 1958, No. 5, pp. 89-91)

KHALIZEV, G.P.

KHARIZOMENOV, I.V., kandidat tekhnicheskikh nauk, dotsent; ZUSMAN, V.G.,
kandidat tekhnicheskikh nauk, retsenzent; PETROV, V.I., kandidat
tekhnicheskikh nauk, retsenzent; KHALIZEV, G.P., kandidat tekhnicheskikh nauk,
redaktor; POPOVA, S.M., tekhnicheskiy redaktor.

[Electrical equipment on metal-cutting machine tools] Elektrooborudovanie metallorezhushchikh stankov. Moskva, Gos. nauchno-tehn. izd-vo mashinostroitel'noi lit-ry, 1951. 181 p. (MLRA 8:5)
(Machine tools—Electric driving)

KHARIZOMENOV, I.V.; ZUSHMAN, V.G., kandidat tekhnicheskikh nauk, retsenzent;
KHALIKEV, G.P., dotsent, redaktor; TIKHONOV, A.Ya.; tekhnicheskiy
redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Electric equipment for metal-cutting machines] Elektricheskoe
oborudovanie metallorezhushchikh stankov. Moskva, Gos. nauchno-
tekhn. izd-vo mashinostroit. lit-ry, 1952. 309 p. [Microfilm]
(Machine tools) (MLRA 7:10)
(Electric apparatus and supplies)

KHALIZEV, G. P., Docent

USSR/Electricity - Literature

Feb 52

Electric Drive

"Review of M. G. Chilikin's Book 'A General Course in Electric Drive,'" Docent G. P. Khalizev, Cand Tech Sci, All-Union Corr Polytech Inst

"Elektrichestvo" No 2, p 94

Favorable review of subject book, which is intended for students who are not specializing in elec drive. The 1st 5 chapters (228 pp) are given to the theory of regulation. The 2d part of the book concerns problems of control of elec drives. Published by Gosenergoizdat, 1951, 380 pp, R 13.70.

208T41

ACHERKAN, N.S., doktor tekhnicheskikh nauk, professor, glavnnyy redaktor;
ANTSIFEROV, M.S., kandidat fiziko-matematicheskikh nauk; ASTAKHOV, K.V.,
professor; VUKALOVICH, M.P., professor, doktor tekhnicheskikh nauk;
KORELIN, A.I., kandidat tekhnicheskikh nauk; KRIPETS, E.S., inzhener;
LAZAREV, L.P., kandidat tekhnicheskikh nauk; MAZYRIN, I.V., inzhener;
MATYUKHIN, V.M., kandidat tekhnicheskikh nauk; NIKITIN, N.N., kandidat
fiziko-matematicheskikh nauk; PANICHKIN, I.A., kandidat tekhnicheskikh
nauk; PETUKHOV, B.S., kandidat tekhnicheskikh nauk; PODVIDZ, L.G.,
kandidat tekhnicheskikh nauk; SIMONOV, A.F., inzhener; SMIHYAGIN, A.P.,
kandidat tekhnicheskikh nauk; FAYNZIL'BER, E.M., professor, doktor
tekhnicheskikh nauk; KHALIZEV, G.P., kandidat tekhnicheskikh nauk;
YAN'SHIN, B.I., kandidat tekhnicheskikh nauk; MARKUS, M.Ye., inzhener,
redaktor; KARGANOV, V.G., redaktor graficheskikh materialov, inzhener;
SOKOLOVA, T.F., tekhnicheskiy redaktor.

[A machinebuilder's manual in six volumes] Spravochnik mashinostroitelia
v shesti tomakh. Izd. 2-e, ispr. i dop. Moskva, Gos. nauchno-tekh. izd-vo
mashinostroit. lit-ry. Vol. 2. 1954. 559 p. (MLR 8:1)
(Machinery--Construction) (Mechanical engineering)

KHALIZEV, G.P., kandidat tekhnicheskikh nauk

Calculation of alternating current wire cross section in a contactor
coil. Svetotekhnika 1 no.3:27-28 Je'55.
(MLRA 8:10)

1. Vsesoyuznyy zaochnyy politekhnicheskiy institut
(Electric contactors)

KHALIZEV, G. P.

Subject : USSR/Electricity AID P - 1288
Card 1/1 Pub. 27 - 12/30
Author : Khalizev, G. P., Kand. of Tech. Sci., Dotsent
Title : Time-acceleration control of electric motors
Periodical : Elektrichestvo, 1, 57-62, Ja 1955
Abstract : The author discusses the starting of d-c motors by means of acceleration contactors governed by definite time relay. He presents calculations and construction of the starting diagram for designing the intermediate steps and selects a particular case with linear characteristics and identical starting moments of the motor. This leads him to the expression of the speed of shifting from any step with uneven starting moments. Finally, he finds the effect of voltage dips and of heating of the acceleration relay coils upon the starting process. Five diagrams.
Institution : All-Union Correspondence Polytechnical Institute
Submitted : 0 14, 1954

KHALIZEV, G.P.

AUTHOR: Tereshchenko, K. K. Call Nr: AF 1157034
TITLE: Electric Motor Blocking and Automatic Control Systems
(Skhemy blokirovki i avtomaticheskogo upravleniya elektrosvigatelyami).
PUB. DATA: Gosudarstvennoye energeticheskoye izdatel'stvo, Moscow-Leningrad,
1957, 112 pp., 8,000 copies
ORIG. AGENCY: None given
EDITOR: Khalizev, G. P., Tech. Ed.: Medvedev, L. Ya.; Reviewer: Stefanovich, N.N.
PURPOSE: The book is intended for persons designing blocking systems. It may
be also used by students of electrical engineering institutes of
higher education and of technical schools for term and diploma
projects.
COVERAGE: It deals with the following two cases of control of squirrel-cage
electric motor systems: 1) blocking of continuous transport systems,
2) automatic control of machinery groups. There are no references
and no personalities are mentioned.

Card 1/6

TABLE OF CONTENTS

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720007-5"

Call Nr: AF 1157034

	Page
Foreword	3
I. Electric Motor Blocking Systems. Linear Chains	
1-1 Blocking systems of two electric motors	5-26
1-2 Blocking systems of three electric motors	5
1-3 Blocking systems of four electric motors	8
1-4 Rules for designing blocking systems for linear chains of n electric motors	11
1-5 Sample design of a blocking system of six electric motors	11
1-6 Sample design of a blocking system of ten electric motors	19
1-7 Signals indicating operation and stops of electric motors	22
II. Some Special Cases of Blocking	
2-1 Exclusion from blocking systems of one or several electric motors	26-37
2-2 Uniting two independent blocking systems	26
2-3 Changes in electric motor starting and stopping conditions	31
2-4 Blocking systems with reversible electric motors	32
2-5 Electric motor ring blocking	34
	35

Card 2/6

Call Nr: AF 1157034

Page

Electric Motor Blocking and Automatic Control Systems (cont)	Page
V. Systems of Automatic Control with General Electric Motor Reversers	
5-1 Systems of automatic control for reversing valves in an open-hearth furnace according to the counter-flow method diagram	75-112
5-2 Standard circuits of systems with general electric motor reversers	76
5-3 Some special cases of electric motor operation	78
5-4 Rules for designing automatic control systems with general electric motor reversers	90
Example 1. Design of an automatic control system for six electric motors working in pairs	94
Example 2. Design of an automatic control system for continuously alternating work cycles	94
Card 5/6	97

Khalizev, G. P.

PHASE I BOOK EXPLOITATION

462

Kharizomenov, Igor' Vladimirovich, Doctor of Technical Sciences,
Professor

Elektricheskoye oborudovaniye metallorezhushchikh stankov (Electrical
Equipment of Metal-cutting Machine Tools) 2d ed., rev. and enl.
Moscow, Mashgiz, 1958. 328 p. 25,000 copies printed.

Reviewer: Zusman, V. G., Candidate of Technical Sciences;
Ed.: Khalizev, G. P., Candidate of Technical Sciences; Ed. of
Publishing House: Shemshurina, Ye. A.; Tech. Ed.: Model', B. I.;
Managing Ed. for literature on metal working and tool making
(Mashgiz): Beyzel'man, R. D., Engineer.

PURPOSE: The book is approved as a textbook for machine-building
vuzes by the Ministerstvo vysshego obrazovaniya SSSR
(Ministry of Higher Education, USSR), and contains the

Card 1/8

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

462

Electrical Equipment of Metal-cutting Machine Tools

basic information necessary to engineers designing or operating
modern metal-cutting machine tools.

COVERAGE: The book examines problems connected with the electrical
equipment of metal-cutting machine tools. Systems and
electromechanical properties of machine tool electric
drives, fundamentals of dynamics, the equipment for
machine tool electrification, and methods and systems of
machine tool electrical automation are described. Special
attention is paid to electrical control and automation
and also to further possibilities of applying machine
tool electrification in student designing. Recent achieve-
ments in machine tool electrification in the USSR and in
other countries are reviewed. The book follows the pro-
gram approved by the Ministry of Higher Education of
the USSR. A knowledge of the principles of electrical
engineering is a prerequisite. To help the mechanical

Card 2/8

Electrical Equipment of Metal-cutting Machine Tools 462

Ch. II. Electromechanical Properties of Induction Motors	16
3. Mechanical characteristics	16
4. Starting up	16
5. Controlling speed of rotation	23
6. Operating conditions for braking	29
7. Structural shapes of induction motors	37
8. H-f electric motors	41
	45
Ch. III. Electromechanical Properties of D-C Motors With Parallel Excitation	49
9. Mechanical characteristics	49
10. Starting up	53
11. Speed control	55
12. Operating conditions for braking	61
13. Structural shapes	64

Card 4/8

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720007-5"
Electrical Equipment of Metal-cutting Machine Tools 462

Ch. IV. Drives With Variable Voltage	65
14. Motor-generator system	65
15. Dynamoelectric amplifiers and their use	71
16. Drives having magnetic amplifiers and adjustable transformers	79
17. Ionic drives	82
18. The selsyn and its application in machine tool construction	87
Ch. V. Determining the Power of Electric Motors	92
19. Heating of electric motors under load	92
20. Determining the power of an electric motor under a constant continuous load	97

Card 5/8

Electrical Equipment of Metal-cutting Machine Tools 462

Ch. VII. Electrical Automation of Machine Tools	174
31. Automatic control in relation to track	174
32. Automatic control in relation to time	189
33. Automatic control in relation to speed	198
34. Automatic control in relation to load	202
35. Electro-hydraulic automation of machine tools	207
36. Electrical duplicating in metal-cutting machine tools	213
37. Programmed control of machine tools	229
Ch. VIII. Electrification of Machine Tools and Automatic Lines	244
38. Rational degree and form of machine tool electrification	244
39. Designing and mounting machine tool electrical equipment	250
40. Electrification of turning lathes	268

Card 7/8

· Electrical Equipment of Metal-cutting Machine Tools	462
41. Electrification of drills and boring machines	282
42. Electrification of planers	287
43. Electrification of milling and gear cutting machines	296
44. Electrification of grinders and finishing machines	303
45. Electrical equipment of machine tool automatic lines	310
Bibliography	321
Appendix. List of symbols for electrical diagrams	322

AVAILABLE: Library of Congress

Card 8/8

JJP/jmr
7-22-1958

LARIONOV, A.N.; KARATYGIN, A.M.; PETROV, I.I.; MOROZOV, D.P.; BAESUKOV, S.G.;
RASKIN, Ye.A.; KHALIZEV, G.P.; MASLENNIKOV, L.V.

Candidate of engineering, Docent K.V. Urnov. Elektrичество no.2:
95 F '58. (MIRA 11:2)
(Urnov, Konstantin Vasil'evich, 1907-)

-KHALIZEV, Georgiy Petrovich; KASPRZHAK, G.M., kand. tekhn. nauk, otv.
red.; SAGITULLINA, R.I., tekhn. red.

[Automatic control and regulation of electric drives. Avtomatiches-
koe upravlenie i regulirovanie elektroprivodami. Moskva, Ugletekh-
izdat. Lecture 4. [Contactor-type relay control of electric drives]
Releino-kontaktornoe upravlenie elektroprivodami; obshchie prin-
tsypy. 1959. 27 p. (MIRA 14:6)
(Electric driving) (Automatic control)

SIROTIN, Artemiy Afanas'yevich; BARASHIN, A.V., prof., retsentent;
KHALIZEV, G.P., dotsent, retsentent; KASPRZHAK, G.M., dotsent,
retsentent; BYCHKOV, V.P., dotsent, red.; VORONIN, K.P.,
tekhn.red.

[Automatic control of electric driving equipment] Avtomaticheskoe
upravlenie elektroprivodami. Moskva, Gos.energ.izd-vo, 1959.
526 p.

(Electric driving) (Automatic control)

(MIRA 12:3)

ANTSYFEROV, M.S., kand.fiz.-mat.nauk; VUKALOVICH, M.P., prof., doktor tekhn.nauk, laureat Leninskoy premii; KRIPETS, B.S., inzh.; LAZAREV, L.P., prof., doktor tekhn.nauk; MAZYRIN, I.V., inzh.; NIKITIN, N.N., kand.fiz.-mat.nauk; OCHKIN, A.V., inzh.; PANICHKIN, I.A., prof., doktor tekhn.nauk; PETUKHOV, B.S., prof., doktor tekhn.nauk; PODVIDZ, L.G., kand.tekhn.nauk; SIMONOV, A.F., inzh.; SMIRYAGIN, A.P., kand.tekhn.nauk; TOKMAKOV, G.A., kand.tekhn.nauk; PAYNZIL'BER, E.M., prof., doktor tekhn.nauk; KHALIZEV, G.P., kand.tekhn.nauk; CHESACHENKO, V.F., kand.tekhn.nauk; YAN'SHIN, B.I., kand.tekhn.nauk; ACHERKAN, N.S., prof., doktor tekhn.nauk, red.; KUDRYAVTSEV, V.N., prof., doktor tekhn.nauk, red.; PONOMAREV, S.D., prof., doktor tekhn.nauk, laureat Leninskoy premii; red.; 'SATEL', E.A., prof., doktor tekhn.nauk, red.; SERENSEN, S.V., akademik, red.; RESHETOV, D.N., prof., doktor tekhn.nauk, red.; KARGANOV, V.G., inzh., red.graficheskikh materialov; GIL'DENBERG, M.I., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Manual of a mechanical engineer in six volumes] Spravochnik mashinostroitelia v shesti tomakh. Red.sovet N.S.Acherkan i dr. Izd.3., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.2. 1960. 740 p. (MIRA 14:1)

1. AN USSR (for Serensen).
(Mechanical engineering) (Machinery--Construction)

KHALIZEV, G.P., kand.tekhn.nauk, dotsent

Review of M.M. Sokolov's book "Electric equipment used in the mechanisms of the different branches of industry." Elektrichestvo no.10:95-96 O '60. (MIRA 14:9)
(Electric apparatus and appliances)
(Sokolov, M.M.)

BACHELIS, D.S.; QEL'MAN, R.Ye.; DUTKIN, G.S.; KULESHOV, Ya.G.;
NIKULIN, N.V.; RYVKIN, G.A.; SADKIN, P.I.; SMIRNOV, A.D.;
SOLOV'YEV, P.F.; KHALIZEV, G.P.; SMIRNOV, A.D., inzh., red.;
SOLOV'YEV, P.F., red.; BORUNOV, N.N., tekhn. red.

[Manual for electricians in two parts] Spravochnik elektrotekhnika
v dvukh tomakh. Pod obshchei red. A.D. Smirnova. Moskva, Gos-
energoizdat. Vol.1. 1962. 479 p. (MIRA 15:5)
(Electric engineering—Handbooks, manuals, etc.)

KHALIZEV, Georgiy Petrovich; KOMAR, M.A., red.; BUL'DYAYEV, N.A., tekhn.
red.

[Electric drive and its control principles] Elektroprivod i os-
novy upravleniya. Moskva, Gosenergoizdat, 1962. 383 p.
(MIRA 16:3)

(Electric driving)

CHILIKIN, M.G.; TSELIKOV, A.I.; GOLOVAN, A.T.; PETROV, I.I.; BYCHKOV, V.P.;
SOKOLOV, M.M.; DRUZHININ, N.N.; VESHENEVSKIY, S.N.; KHALIZEV, G.P.;
TISHCHENKO, N.A.

D.P Morozov; obituary. Elektrichestvo no.5:93 My '63.
(MIRA 16:7)
(Morozov, Dmitrii Petrovich,)

AFANAS'YEV, Vasiliy Danilovich; BORISOV, Yury Matveyevich; GUREVICH,
Azriyel' Yefimovich; LEVITANSKIY, Boris Aronovich; MAKEYEV,
Ivan Fedorovich; STEFANOVICH, Nikolay Nikolayevich; KHALIZEV,
Georgiy Petrovich, kand. tekhn. nauk; SINITSYN, O.A., kand.
tekhn. nauk, retsenzent; NEMIROVSKIY, M.I., prepodavatel',
retsenzent; YAKOVENKO, N.N., red. izd-va; ISLENT'YEVA, P.G.,
tekhn. red.

[Electrical equipment of ferrous metallurgy enterprises] Elektro-
oborudovanie predpriatii chernoi metallurgii. [By] V.D.Afanas'yev
i dr. Moskva, Metallurgizdat, 1963. 606 p. (MIRA 16:9)

1. Dnepropetrovskiy metallurgicheskiy tekhnikum (for Nemirovskiy).
(Iron and steel plants--Electric equipment)

FLEROV, C. N., POLIKANOV, S. M., KARAMYAN, A. S., PASYUK, A. S., PARFANOVICH, D. M., TARANIIN, N. I., KARNAUKHOV, V. A., DRUIN, V. A., VOLKOV, V. V., SEMCHINOVA, A. M., OGANESEAN, Yu. Ts., KHALIZEV, V. I. and KHLEBNIKOV, G. I.

"Experiments to Obtain Element 102." Dokl. Akad. Nauk SSSR, Vol. 120, No. 1, 73-5 (1958). In Russian.

"Plutonium isotopes Pu^{24} and Pu^{239} were irradiated with oxygen ions, accelerated to 102 MeV. The nucleus so produced leaves the target, because of recoil, and is picked up in a collector. This can be moved, in a time of 4-5 sec, over to nuclear emulsions which are designed to register α -particles. Alpha-particles of energy greater than 8.5 MeV are detected. These could come from Pu^{24} , ($0^+, 4-6n$) $102^{151,153}$. The total number of α -particles with an energy exceeding 8.5 Mev. (Those of energy less than 7 MeV could come from platinum contamination) was 18 in the irradiation of Pu^{24} and 8 in the case of Pu^{239} . These figures would give cross-sections for formation of element 102 of 2×10^{-2} and 5×10^{-3} cm 2 , respectively.

2(7) Lernanov, V. A., Terakop'yan, G. N., Chalisev, T. I.
 AUTHORS:
 TITLE: Reaction of the Capture of Two Neutrons in the Interaction
 Between Fe^{56} and the Nuclei of Some Elements (reaktivnye sakhvata
 dvukh neutronov pri vstoyanii pri vstoyanii dvoikh elementov)

PERIODICAL: Zhurnal eksperimental'noi teoreticheskoy fiziki, 1959,
 Vol. 36, No. 3, pp. 768-790 (Cited).

ABSTRACT: The interaction between heavy particles and nuclei, in which the so-called "capture" and "stripping" reactions occur, have already been dealt with by a number of papers which are discussed in short in the introduction. In the present paper we investigate the reaction of the capture of two neutrons in the interaction between accelerated ions and nuclei of various elements. The experiments were carried out on the external beam of the 150 MeV cyclotron of the JINR. With fivefold-charged Fe^{2+} ions at an energy of ~92 MeV/Lip., Al- and Cu-targets were irradiated. The experimental arrangement is shown in form of a schematic drawing (Fig.). Target thickness was chosen in such a manner that the nitrogen ion flying off from the target had an energy of ~55 MeV. Behind

Card 1/3

Reaction of the Capture of Two Neutrons in the Interaction Between Fe^{56} and the Nuclei of Some Elements
 in the target was a gold foil of 9 μ thickness, in which the short-range reaction products were absorbed. The arrangement further contained a stack of tantalum plates which was periodically shifted towards a luminescence β -counter which, under magnetic shield, was located at a distance of 2 m from the target. In front of the silicon crystal (30 cm diameter, 30 mm height) of the counter there was a 1.5 mm thick aluminum absorber. The ion flux had a thickness of $Q_1 = 0.5 \mu\text{A}$. The result of the irradiation showed a β -activity of the target with a half-life of 7.5 ± 1 sec and a maximum energy of β -particles of $E_{\max} > 10$ MeV. Determination, no matter what it concerns a capture- or a stripping-reaction, is carried out by analysis of the decay products of the compound nucleus. In the present case it was found that the compound nucleus was Fe^{55} ($t_{1/2} = 7.35$ sec, $E_{\max} = 10.4$ MeV), which was produced by the capture of two neutrons from Fe^{56} . A peculiar feature of this reaction is the long range of this nucleus. A table gives the measured β -activities for various targets with respect to the difference between the binuclear energies of the two neutrons in Fe^{56} and

Card 2/3

the Nuclei of Some Elements

In the target nucleus $\text{Q} = \text{Z}_{\text{Fe}}(\text{Fe}^{56}) - \text{Z}_{\text{N}}(\text{N}^{14})$ (cf. Ref. 2) it is found that with decreasing Q also activity decreases. The cross section of the reaction is given as σ / cm^2 (ion energy range $55 - 92$ MeV). The authors finally thank Professor G. S. Tsvetkov for his interest and they also thank the cyclotron team under the supervision of Yu. N. Pustovit for the good functioning of this plant. There are 1 reference, 1 table, 5 references, 5 of which are Soviet.

September 19, 1958

Card 2/3

FLEROV, G.N.; POLIKANOV, S.M.; KARAMYAN, A.S. [deceased]; PASYUK, A.S.;
PARFANOVICH, D.M.; TARANTIN, N.I.; KARIAUKHOV, V.A.; DRUIN, V.A.;
VOLKOV, V.V.; SEMCHINOVA, A.M.; OGANESEAN, Yu.TS.; KHALIZEV, V.I.;
KHLEBNIKOV, G.I.; MYASOYEDOV, B.F.; GAVRILOV, K.A.

Experiments to produce element No. 102. Zhur. eksp. i teor. fiz.
38 no.1:82-94 Jan '60. (MIRA 14:9)

1. Sotrudniki Ob"edinennogo instituta yadernykh issledovaniy (for
Polikanov, Oganesyan, Gavrilov). 2. Sotrudnik Instituta geokhimii
i analiticheskoy khimii AN SSSR (for Myasoyedov).
(Transuranium elements)

ANDRIANOV, G. Ya.; VOZNESENSKIY, V. A.; KAMTSAN, A. N.; KOMISSAROV, L. A.;
KUZMICHEVA, V. A.; LUNIN, G. L.; SEMENOV, V. N.; KHALIZEV, V. I.

"Study of the Physical Properties of the Core of the Voronezh Atomic Power
station Using Critical Assemblies."

Report presented at the IAEA Symposium on Exponential and Critical Experiments,
Amsterdam, Netherlands, 2-6 Sep 63.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

KVALITZV, Ye. P.

Caissons

New development in hydrotechnical mechanization of caisson work. Nefchi. trud. rab. 6
No. 2, 1952

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

1. KHALIZEV, V. E. P. Eng.

2. USSR (600)

4. Caissons

7. Experience with sinking a caisson under conditions of lowered air pressure.
Biul. stroil. tekhn. 9 no. 19, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

KHALIZEV, Ye.P., inzhener.

Hydromechanical method of reducing air pressure in the sinking
of caissons. Rats.i izobr.predl.v stroi. no.58:19-21 '53.

(MLRA 7:2)
(Caissons)

KHALIZEV, YE. P.

KHALIZEV, YE. P. -- "Investigation of Problems of the Inflow of Water into Caissons in the Case of Lowered Air Pressure Working Conditions." Min Construction USSR, Technical Administration, All-Union Sci Res Inst of Bases and Foundations, Moscow, 1955 (Dissertation For the Degree of Doctor of Technical Sciences)

SO: Knizhnaya letopis', No. 37, 3 September 1955

KHALIZEV, Ye.P.; GOLUBENKOVA, L.A., red.izd-va; NAGISHKINA, T.M., tekhn.red.

[Selecting the best method of operating hydromechanical installations
in caissons] Vybor optimal'nogo razhima raboty gidromekhanizatsion-
nykh ustavovok v kessonakh. Moskva, Gos. izd-vo lit-ry po stroit.
i arkhit., 1957. 51 p. (MIRA 11:4)
(Caissons)

KHALIZEV, Ye.P., kand.tekhn.nauk

Flow of water into shore caissons. [Trudy] NIIOSP no.40-46-69
'59. (MIRA 13:9)
(Caissons)

KHALIZEV, Ye.P.

Calculations for the hydraulic machinery used in caissons. [Trudy]
NIIOSP no.45:53-63 '61. (MIRA 15:1)
(Caissons) (Hydraulic machinery)

KHALIZEV, Ye.P.

Institute of Foundations and Underground Construction. Izv. ASIA
no. 3:124-125 '62. (MIRA 15:11)

1. Uchenyy sekretar' Instituta osnovaniy i podzemnykh sooruzheniy
Akademii stroitel'stva i arkhitektury SSSR.
(Underground construction) (Foundations)

KHALIZEV, Ye.P.; TER-GALUSTOV, S.A.; ROCACHEVSKIY, L.I.

Sinking installations in thixotropic jackets. Osn. fund. i mekh.
grun. 5 no.3:26-27 '63. (MIRA 17:1)

ABELEV, Yu.M., doktor tekhn. nauk, prof.; ABELEV, M.Yu., inzh.;
BAKHOLDIN, B.V., kand. tekhn. nauk; BEREZANTSEV, V.G.,
doktor tekhn. nauk, prof.; VYALOV, S.S., doktor tekhn.
nauk; GODES, E.G., inzh.; GORBUNOV-POSADOV, M.I., doktor
tekhn. nauk, prof.; DAIMATOV, B.I., doktor tekhn. nauk,
prof.; DOKUCHAYEV, V.V., kand. tekhn. nauk; KRUTOV, V.I.,
kand. tekhn. nauk; KSENOFONTOV, A.I., kand. tekhn. nauk;
MARIUPOL'SKIY, G.M., kand. tekhn. nauk; MORARESKUL, N.N.,
inzh.; PERLEY, Ye.M., inzh.; SAVINOV, O.A., doktor tekhn.
nauk; SIDOROV, N.N., kand. tekhn. nauk; SMORODINSKIY,
N.I., kand. tekhn. nauk; SOKOLOV, N.M., doktor tekhn. nauk;
FLIDKIN, A.Ya., inzh.; SHASHKOV, S.A., kand. tekhn. nauk;
SEYKOV, M.L., inzh.; YAROSHENKO, V.A., kand. tekhn. nauk,
[deceased]; KHALIZEV, Ye.P., kand. tekhn. nauk, nauchn. red,

[Manual for the designing of industrial plants, apartment
houses, and public buildings and structures; foundations]
Spravochnik proektirovshchika promyshlennyykh, zhilykh i
obshchestvennykh zdanii i sooruzhenii; osnovaniia i funda-
menty. Leningrad, Stroizdat, 1964. 268 p.

(MIRA 18:1)

KHALIZEV, Ye.P.

Sinking deep supports in industrial construction and civil engineering. Osn., fund. i mekh.grun. 7 no.1-2 '65.

(MIRA 18:4)

ACCESSION NR: AP4043404

S/0072/64/000/008/0006/0009

AUTHOR: Boguslavskiy, I.A. (Candidate of technical sciences); Khalizeva, O. N. (Engineer); Pukhlik, O. I. (Engineer)

TITLE: Investigation of strength and heat resistance of reinforced glasses

SOURCE: Steklo i keramika, no. 8, 1964, 6-9

TOPIC TAGS: reinforced glass, viscous tempering, etching, heat resistant glass, thermo-physical method

ABSTRACT: In this paper are given the results of an investigation of the relation between the strength of glasses and their thickness. The glasses used for testing were of a thickness from 3 to 25 mm. The tested glasses were reinforced by two methods: viscous tempering and a thermo-physical method (viscous tempering plus etching). The strength of the glasses was evaluated by the method of central flexure taking into consideration necessary requirements toward the Poisson diameter and support, magnitude of sagging and the dimensions of the tested glass plate. Based on the experimental data the authors raise a question in regard to substituting defective glasses of a heat resistant content with reinforced glasses of a standard content. In conclusion, the authors claim that it is possible to increase the exploitation temperature of reinforced glasses by using compounds in which

Card 1/2

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720007-5"

USSR/Pharmacology - Toxicology, Aminoacid Compounds.

U-7

Abs Jour : Ref Zhur - Biol., No 3, 1958, 13050

Author : Andreyev, A.L., Khalizeva, Ye.K.
Inst : -

Title : On the Treatment of Epilepsy with Glutamic Acid.

Orig Pub : Zh. nevropatol. i psichiatrii, 1955, 55, No 5, 359-366.

Abstract : Approximately 100 epileptic patients were treated with the glutamic acid. No therapeutic effect was observed in grand mal seizures; in petit mal seizures glutamic acid (15-20 ml. of 1% solution in 40% glucose solution given I.V. for 20-30 days) had a definite, prolonged effect when used in combination with strychnine and luminal.

Psikhoneurologicheskaya gorodskaya klinicheskaya bolnitsa
No. 1, im. Kashchenko

Card 1/1

KHALIZOV, V.G., inzh.

Device operated by one person for identifying wires in cables.
Energetik no.9:19-20 S '64. (MIRA 17:10)

Khalizova, L.S.

YUNUSOVA, Kh.A.; LOGINOVА, N.S.; KHALIZOVА, L.S.

Effectiveness of antibiotics combined with stimulants in the treatment of typhoid fever in children. Pediatrilia no.8:81 Ag '57. (MIRA 10:12)

1. Iz Tashkentskogo meditsinskogo instituta imeni V.M.Molotova. (TYPHOID FEVER) (ANTIBIOTICS) (STIMULANTS)

Re

Determination of phosphorus and its halides. O. D. Khalina. *Zavodskiy Lab.*, 8, 940-3 (1939).—Yellow P, POCl_3 , PCl_3 , HCl and Cl_2 in air are detd. with the aid of 4 absorbing systems: (1) The Cl^- and POCl_3 are absorbed in water, the Cl^- being detd. nephelometrically in $1/4$ of the soln. and the H_2PO_4^- colorimetrically in the second half by the Deniges method. (2) Absorption in 0.1 N AgNO_3 to det. the elementary chlorine nephelometrically. (3) Absorption in Br water followed by evapn. of the soln. and detn. of total P by the Deniges method. (4) Absorption in AgNO_3 soln., filtration through a Schott filter, and washing of the ppt. with 3% HNO_3 to dissolve any ppt. formed from PCl_3 . The Ag_2P is then oxidized with Br water and the P is detd. by the Deniges method. From the above mentioned detns. it is possible to calc. the P, POCl_3 , PCl_3 , HCl and Cl_2 in the air. B. Z. Kamich

7

KHALIZOVA, O. D; VORONSOVA, Ye. I.

Certain properties of freon 12 and method of its determination.
Gig. sanit., Moskva no.4:44-46 Apr. 1952. (CLML 22:2)

1. Institute of Labor Hygiene and Occupational Diseases, Academy
of Medical Sciences USSR.

KHALIZOVA, O. D.

LETAVET, A.A., otvetstvennyy red.; SMELYANSKIY, Z.B., prof. otvetstvennyy
red.; KHALIZOVA, O.D., kand.biol.nauk, otvetstvennyy red.

Foreward. Nov.med. no.26:1-2 '52.

(MIRA 11:1)

1. Deystvit'nyy chlen AMN SSSR (for Letavet)
(CHEMISTRY, TECHNICAL)

(3)

Determination of synthetic amino compounds in the air of industrial establishments. O. D. Khalizova and E. S. Chemodanova (Uch. Obzreny Trudai Protsess, Zabolevanii Akad. Med. Nauk S.S.R., Moscow). Gigiena i Sanit. 1953, No. 4, 51.—The method consists of the colorimetric detn. of N after treatment with H₂SO₄. Free NH₃ is also included in the detn. The specimen is aspirated through H₂SO₄ and mineralized by heating to SO₂ fumes. The detn. is made by comparison with standards made simultaneously.

G. M. Kosolapoff
9-10-54
J.P.

APPROVED FOR RELEASE: 10/00/2001 CIA-RDP86-00513R000721720007-5"

Bykhovskaya, Mariya Solomonovna, Slava L'vovna Ginzburg, and Ol'ga Dmitriyevna Khalizova

Metody opredeleniya vrednykh veshchestv v vozdukhe i drugikh sredakh; prakticheskoye rukovodstvo (Methods of Identifying Harmful Substances in the Air and Other Media; Practical Handbook) pt. 1. Moscow, Medgiz, 1960. 311 p. 6,000 copies printed.

Ed. (Title page): O.D.Khalizova; Ed.: M.D.Babina; Tech.Ed.: A.I. Zakharova.

PURPOSE: This handbook is intended for industrial hygiene and sanitation inspection personnel, specialists working in the field of industrial hygiene chemistry at research institutes, factory laboratories, epidemic control station laboratories, etc.

COVERAGE: The book, which was recommended for publication by the Redaktsionno-izdatel'skiy Sovet Akademii meditsinskikh nauk SSSR

KHALIZOVA, Ol'ga Dmitriyevna

BYKHOVSKAYA, Mariya Solomonovna; GINZBURG, Slava L'vovna; KHALIZOVA, Ol'ga
Dmitriyevna; ROZANOV, L.S., redaktor; BOBROVA, Ye.N., tekhnicheskiy re-
daktor.

[Practical guide to industrial sanitation chemistry] Prakticheskoe ru-
kovodstvo po promyshlennno-sanitarnoi khimii. I. [Organic compounds]
Organicheskie soedineniya. Pod red. O.D.Khalizovoi. Moskva, Gos. izd-
vo med. lit-ry, 1954. 356 p. (MIRA 8:1)
(Industrial hygiene) (Chemistry, Organic)

KHALIZOVA, O.D.

LETAVET, A.A.; RYAZANOV, V.A.; KHOTSYANOV, L.K.; MOROZOV, A.L.; MARTSINKOVSKIY, B.I.; MITEREV, G.A.; IVANOV, V.A.; IZRAEL'SON, Z.I.; ORLOV, N.I.; CHERKINSKIY, S.N.; BERYUSHOV, K.G.; KIBAL'CHICH, I.A.; TARASENKO, N.Yu.; DROGICHINA, Ye.A.; VORONTSOVA, Ye.I.; SANINA, Yu.P.; KREMNEVA, S.N.; KULAGINA, N.K.; SHAFRANOVA, A.S.; TIKHAYA, M.G.; MOLOKANOV, K.P.; RAZUMOV, N.P.; KURLYANDSKAYA, E.B.; KHALIZOVA, O.D.

In memory of Professor N.S.Pravdin. Gig.i san. no.4:61 Ap '54.
(MLRA 7:4)
(Pravdin, Nikolai Sergeevich,)

KHALIZOVA, O.D., kandidat biologicheskikh nauk

Present-day conditions in industrial sanitary chemistry in the
U.S.S.R. Gig. i san. 21 no.6:24-29 Je '56. (MLBA 9:8)

1. Iz Instituta gigiyeny truda i professional'nykh zabolеваний
AMN SSSR.

(INDUSTRIAL HYGIENE,
chem. analysis in (Rus))
(CHEMICAL ANALYSIS,
in indust. hyg. (Rus))

XHALIZOVA, O.D.

[Detection of harmful substances in the air] Opredeleniia vrednykh
veshchestv v vozdukhe. Moskva, Medgiz, 1957. 173 p. (MIRA 11:1)
(AIR--POLLUTION)

Khalizova, O.D.

ALEKSEYEVA, M.V. (Moskva); GURVITS, S.S. (Moskva); KHALIZOVA, O.D. (Moskva)

Formation and development of Russian industrial and sanitary chemistry.
Gig.truda i prof.zab. l no.5:49-52 S-O '57. (MIRA 10:11)

1. Nauchno-issledovatel'skiy sanitarno-gigiyenicheskiy institut
imeni F.I. Brismana, Institut okhrany turda Vsesoyuznogo tsentral'-
nogo soveta profsoyuzov i Institut gigiyeny truda i profzabolevaniy
AMN SSSR.

(SANITARY CHEMISTRY)

BYKHOVSKAYA, M.S., red.; PIMENOVA, Z.M., red.; KHALEZOVA, O.D., otv.
red.; BERDNIKOV, A.I., red.; PARAKHINA, N.L., tekhn. red.

[New developments in the field of chemical analysis in sanitary
engineering] Novoe v oblasti sanitarno-khimicheskogo analiza; ra-
botoy po promyshlennno-sanitarnoi khimii. Moskva, Medgiz, 1962.
(MIRA 16:1)
263 p.
(CHEMISTRY, ANALYTICAL) (SANITARY ENGINEERING)

KHALIKOVA, V.K., ALEKSEYEV, A.Ye., SEMIROVA, Ye.P.

Rapid determination of silicic acid in mineral raw materials.
Pub. lab. 30 no.5;530-531 '64. (MIRA 17:5)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

Author: Arifetov, M. M.; Moskvin, N. I.; Khalizova, V. N.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5"

L 32800-66 ENT(m)/EMP(t)/ETI IJP(c) JD/WB
ACC NR: AP6012587 (N) SOURCE CODE: UR/0314/66/000/004/0036/0039

AUTHOR: Kristal', M. M.; Khalizova, V. N.; Adugina, N. A.

44
43
B

ORG: none*

TITLE: Corrosion resistance of two-layer metals,⁴

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 4, 1966, 36-39

TOPIC TAGS: corrosion resistance, bimetal, corrosion resistant metal

ABSTRACT: The paper reports on tests of corrosion resistance of 1) two-layer metals with the cladding layer made of the steels Kh18N10T, Kh18N12M2T, Kh17N13M2T, and OKh23N28M3D3T, 2) weld joints of the same sheets; and 3) two-layer metals with the cladding layer made of Ni/M3S copper, No. 0.4 bronze, and L90 brass. In all the cases the corrosion resistance of the two-layer metal proved to be approximately equal to the corrosion resistance of the pure metal even when the joints exhibited fissures of transcrystallite character. Some of the investigations were carried out at the NIIkhimmash in conjunction

UDC: 621.9-419:620.193.001.5

Card 1/2

L 32800-66

ACC NR: AP6012587

with the Institute of Metallurgy and Concentration, AN KazSSR (Institut metallurgii i obogashcheniya AN Kazakhskoy SSR). Orig. art. has: 2 formulas and 2 tables.

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 003

Card 2/2 MJS

KHALKECHEV, V.A.; MORGACHEV, S.V.

Thermodynamic conditions of the development of an orographic cyclone in the southeastern part of the Northern Caucasus.
Meteor. i gidrol. no. 12:26-31 D '65. (MIRA 18:11)

1. Vysoekogornyy geofizicheskiy institut.

KRALEBUNOV, V.Z., fotonet, kand. tekhn. nauk

Effect of progressive change in atmospheric zenith distance with the simultaneous determination of longitude and latitude by the equal altitudes method. Izv. vuz. zemph. zemn., geod. i aerof., no.2:87-94 '64. (MNU 1749)

I. Moskovskiy institut inzhenerov geodezii, aerofotosyntaksi i kartografii. Rekomendovana kafedroy astronomii.

KHALKHUNOV, V.Z., red.; KOMAR'KOVA, L.M., red.izd-va; ROMANOVA, V.V.,
tekhn. red.

[Tables on geodetic astronomy.] Moscow. TSentral'nyi nauchno-
issledovatel'skii institut geodezii, aeros"emki i kartografii.
Tablitsy po geodezicheskoi astronomii. Moskva, Gosgeoltekhnizdat,
1963. 234p. (Its Trudy, no.163). (MIRA 16:10)

USSR/Cultivated Plants - General Problems.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82248

Author : Khalizovskaya, A.I.

Inst : Zernogradsk State Selection Station

Title : Growing Elite Seeds.

Orig Pub : Sb. nauchn. rabot. Zernogradsk. gos. selekts, st., 1957,
vyp. 2, 36-95

Abstract : No abstract.

Card 1/1

KHALIZOVSKAYA, N. I., PETRUSHENKO, V. D.

Alfalfa

Summer sowing of alfalfa and sainfoin on fallow with a millet cover crop. V. D.
Petrushenko., N. I. Khalizovskaya Sov. agron. 10, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1953. Unclassified.
₂

L 09180-67 EWT(1) GW
ACC NR: AP7002317

SOURCE CODE: UR/0362/66/002/004/0329/0339

16

AUTHOR: Khalkochev, V. A.

ORG: High-Mountain Geophysical Institute (Vysokogornyy geofizicheskiy institut')

TITLE: Motion of cold air masses in valleys

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 4, 1966, 329-339
↓

TOPIC TAGS: Coriolis force, atmospheric circulation

ABSTRACT: On the basis of solution of equations obtained in an earlier study the author has investigated the patterns of movement of cold air masses in valleys of complex configuration. This is a purely theoretical study, which must be confirmed by observations. The cases considered are a quite narrow valley, when the influence of Coriolis force can be neglected, and a broad valley, when this influence increases. It is shown that orographic fronts, regions of return currents and strong winds can form in valleys. Orig. art. has: 7 figures and 28 formulas. [JPRS: 36,285]

SUB CODE: 04 / SUBM DATE: 28Aug65 / ORIG REF: 007

Card 1/1 nst

UDC: 551.555

0925

05.93

KHALKECHEV, V.A.; GUTMAN, L.N.

Movement of cold air masses along mountain ranges. Izv. AN SSSR.
Ser. geofiz. no.9:1399-1409 S '63. (MIRA 16:10)

1. Kabardino-Balkarskiy gosudarstvennyy universitet.

KHALKECHEV, V.A.; GUTMAN, L.N.

Spatial stationary nonlinear problem of the cold air-mass flow over
a complex relief. Izv. AN SSSR. Ser. geofiz. no.2:349-361 F '63.
(MIRA 16:3)

1. Kabardino-Balkarskiy gosudarstvennyy universitet.
(Air flow)

KHALKHUNOV, V. Z.

"Relation of the Human Equation of an Astronomer to the Motion Velocity
of the Stars Under Observation." Sub 8 Jun 51, Moscow Inst of Engineers
of Geodesy, Aerial Photography and Cartography, ministry of Higher Edu-
cation USSR

Dissertations presented for science and engineering degrees in
Moscow during 1951.

SO: Sum. No. 480, 9 May 55

KOLUPAYEV, Aleksey Petrovich; MAUYERER, Vol'f Gertsevich; STAROSTIN, Anatoliy
Mikhaylovich; KHALKHUNOV, V.Z., red.; VASIL'YEVA, V.I., red.izd.vz;
ROMANOVA, V.V., tekhn.red.

[Practical handbook on geodetic astronomy] Prakticheskoe rukovodstvo
po geodezicheskoi astronomii. Moskva, Izd-vo geodez. lit-ry, 1962.
314 p. (Moscow. Tsentral'nyi nauchno-issledovatel'skii institut
geodezii, aeros'emki i kartografii. Trudy, no.148). (MIRA 16:5)
(Astronomy)

KHALKIN, A., inzh.

"Specialist in blasting" by G.M. Korovchenko. Reviewed by A.Khalkin.
Bezop.truda v prom. 6 no.7:38 Jl '62. (MIRA 15:7)

1. Nachal'nik burovzryvnykh rabot Urgal'skikh shakht, Khabarovskiy
kray. (Blasting) (Korovchenko, G.M.)

KHALKIN, A.V.

Methods of designing thin-walled cylindrical folds and shells of
medium length. Trudy RISI no.6:223-244 '58.

(MIRA 12:6)

(Elastic plates and shells)

KHALKTIN, A. V., Cand Tech Sci (diss) -- "A method of computing thin cylindrical membranes and folds". Novocherkassk, 1960. 11 pp (Min Higher and Inter Spec Educ RSFSR, Novocherkassk Order of Labor Red Banner Polytech Inst im S. Ordzhonikidze), 150 copies (KL, No 10, 1960, 133)

S/124/62/000/005/045/048
D251/D308

10.6100

AUTHOR: Khalkin, A. V.

TITLE: Calculating multispan and multiwave cylindrical shells

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 10,
abstract 5V58 (Izv. vyssh. ucheb. zavedeniy, Str-vo
i arkhitekt. 1961, no. 5, 3 - 16)

TEXT: The article is an extension of the author's work (Tr. Rosto-vsk. n/D. inzh. stroit. in-ta, 1958, part 6, 223-224 - RZhMehk. 1959, no. 8, 9105). Necessary formulas are given for calculating multispan and multiwave cylindrical shells. In distinction from V. Z. Vlasov (Stroitel'naya mekhanika tonkostennyykh prostranstvennykh sistem (Structural Mechanics of Thin-walled Spatial Systems), M., Stroyizdat, 1949) the author takes as his unknowns the displacements of the faces in their own planes, and not the normal stresses and bending moments distributed along the ribs of a fold. This makes it possible to obtain a smaller number of differential equations. For calculating a symmetrically loaded two-span shell the fundamental beam functions are taken. The example is given of the Card 1/2 ✓c

Calculating multispan and ...

S/124/62/000/005/045/048
D251/D308

calculation of a three-span shell, in whose solution the author makes use of the tables of coefficients presented. The calculation of a multiwave shell consists of two parts: Calculation of the central and boundary waves. The moments distributed along the ribs of a fold are calculated. [Abstractor's note: Complete translation].

✓C

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720007-5

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720007-5"

KHALKIN V A

89-4-5-7/26

AUTHORS: Kuznetsova, M. Ya., Mekhedov, V. N., Khalkin, V. A.

TITLE: Secondary Nuclear Reactions at the Fast Proton Bombardment of Tin (Vtorichnyye yadernyye reaktsii pri bombardirovke olova bystryimi protonami)

PERIODICAL: Atomnaya Energiya, 1958, Vol. 4, Nr 5,
pp. 455 - 460 (USSR)

ABSTRACT: By means of radiochemical methods the yields of the formation of Te-isotopes and of I-isotopes were determined. These nuclei are formed at the vaporization of the tin nucleus at a proton bombardment, by the target nuclei trapping the particles He^4 , ${}_{3}^{7}\text{Li}$ and ${}_{4}^{9}\text{Be}$ which are caused by the vaporization. For the different energies of the protons the following cross sections were measured in μb :

Card 1/2

89-4-5-7/26

Secondary Nuclear Reactions at the Fast Proton Bombardment of tin

Formed isotope	$E_p = 170$ MeV	$E_p = 340$ MeV	$E_p = 480$ MeV	$E_p = 660$ MeV
Te^{118}	3.6 ± 1.0	16.5 ± 1.5	14.5 ± 7.7	10.0 ± 1.3
I^{120}	0.02 ± 0.01	0.03 ± 0.01	0.10 ± 0.01	0.27 ± 0.20
I^{121}	0.020 ± 0.005	0.067 ± 0.003	0.15 ± 0.03	0.240 ± 0.007
I^{123}	0.11 ± 0.08	0.30 ± 0.07	0.56 ± 0.16	0.97 ± 0.20
I^{124}	~ 0.01	0.024	0.035	0.060 ± 0.008
I^{126}	~ 0.01	0.02	0.048 ± 0.006	0.06 ± 0.01

The results obtained here agree with the data from reference 6. There are 1 figure, 2 tables and 9 references, 5 of which are Soviet.

SUBMITTED:

June 18, 1957

AVAILABLE:

Library of Congress

Card 2/2

- 1. Tin--Nuclear reactions
- 2. Proton bombardment
- 3. Nuclear reactions
- 4. Tellurium isotopes (Radioactive)--Determination
- 5. Iodine isotopes (Radioactive)--Determination

AUTHORS: Kuznetsova, M.Ya., Makhedov, V.N.,
Rybakov, V.N., Khalkin, V.A. SOV/89-4-6-12/30
TITLE: Light Tellurium Isotopes (Legkiye isotopy tellura)
PERIODICAL: Atomnaya energiya, 1958, Vol 4, Nr 6, pp 583-583 (USSR)
ABSTRACT: The mass numbers of light tellurium isotopes were experimentally determined ($A < 118$) together with their decay characteristics on the basis of subsidiary substances. An antimony target is bombarded with protons of the synrocyclotron, and the activities of various chemical fractions are measured (the process of analysis is described). The following determinations were carried out:
 Te^{121} : $T_{1/2} \sim 17$ d
 $Te^{118} + Te^{119}$: $T_{1/2} \sim 6$ d
 Te^{117} : $T_{1/2} \sim 1.7$ h; β^+ : 2.7 MeV; γ -rays = 75%
 Te^{116} : $T_{1/2} \sim 2.5$ h
 Sb^{116} : K- capture 10%.
Card 1/2 There are 7 references, 2 of which are Soviet.

Light Tellurium Isotopes

SOV/ 89-4-12/30

SUBMITTED: December 11, 1957

1. Tellurium isotopes (Radioactive)--Decay
(Radioactive)--Masses 2. Tellurium isotopes
weight 3. Tellurium isotopes (Radioactive)--Atomic
4. Proton bombardment--Applications

Card 2/2

AUTHORS: Kuznetsova, M. A., Mekhedov, V. N., Khalkin, V. A. SOW/56-54-1-1/6,

TITLE: An Investigation of (p,pxn)-reactions on Iodine
(Issledovaniye (p,pxn)-reaktsii na yode)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1956,
Vol. 34, No 5, pp. 1096-1100 (USSR)

ABSTRACT. This paper discusses the results of the investigation of (p,pxn)-reactions on iodine. The protons used for the bombardment had energies of from 100 to 600 MeV. For these experiments KJ specimens with a weight of 0,1 g were used. For the last experiments of this series specimens of elementary iodine (0,1-0,5 g) were used. Ag J-targets were used for these measurements. The cross-sections of the production of light radioactive iodine isotopes by bombarding J¹²⁷ by protons of various energies are given in a table. In the last two columns of this table the total cross sections of the production of all iodine isotopes and the average numbers of the particles emitted during reactions of the type (p,pxn) are given. These average numbers are found by averaging over the cross sections. From these results one may derive the following results: The

Card 1/3

An investigation of (p,p_{xn})-reactions on Iodine

SOV/56-54-5-7/61

energy dependence of the cross sections of the productions is the same for nearly any isotope. The cross sections of the reactions vary but little within the energy range of 300-660 MeV and increase at lower energies. The total cross section for 100 MeV protons is three times greater than in the range 300-660 MeV. At any proton energy the isotope I^{126} has the greatest yield. The yields of the other nuclei decrease gradually with increasing x . However, the cross section of the production of I^{127} is greater than the cross sections of the neighboring nuclei and oscillates considerably when the energy of the particles changes. Available experimental results are, however, not sufficient for the interpretation of these oscillations. The yield of the reaction ($p,P\bar{7}n$) is the smallest and depends only little on proton energy. Besides the ejection of nucleons there is also an "evaporation" (ispareniye) of particles, especially for the light iodine isotopes. The results of this paper agree satisfactorily with those of other papers. The greater the atomic number of the target, the greater the relative cross sections of the production of light isotopes. The observed energy dependence of the reactions (p,pn) and ($p,p2n$) may be explained by

Card 2/3

An investigation of ($p,\alpha n$)-reactions on Iodine

SV/56-34--7/61

the energy dependence of the cross sections of the elementary elastic nucleon-nucleon scatterings. There are 2 figures, 7 tables, and 16 references, 6 of which are soviet.

ACCEPTATION: Ob'yedinenyyj institut yadernykh issledovaniy
(United Institute of Nuclear Research)

SUBMITTED: December 7, 1957

- 1.Iodine--Bombardment 2.Proton bombardment--Analysis
3.Proton cross sections 4.Isotopes--Production

Card 3/5